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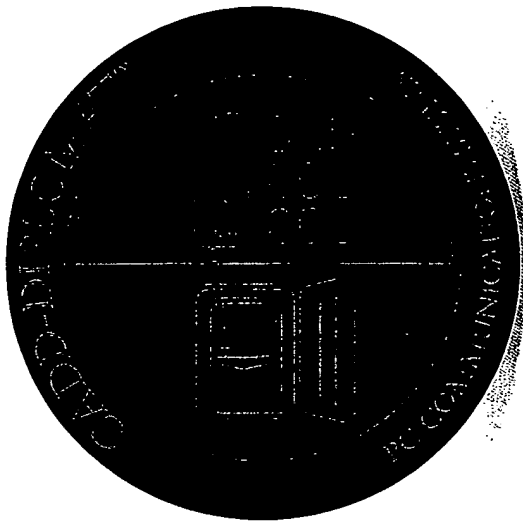
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User Information



Deltec

SIMS Deltec, Inc., St. Paul, MN 55112 U.S.A.



CADD-DIPLOMAT, CADD-AMBASSADOR, CADD-Prizm, CADD-Legacy, and CADD are SIMS trademarks.

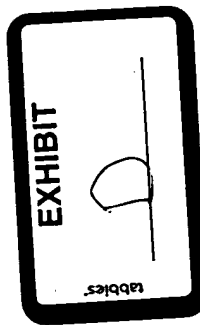
The products described are covered by one or more of the following U. S. Patent Nos. 5,338,157; 5,485,408.

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CADD-DIPLOMATTM

PC COMMUNICATIONS SYSTEM



This guide pertains **only** to the CADD-DIPLOMAT™ PC Communications System. For detailed instructions, specification, warnings, warranty, and additional information on operating the CADD-Prizm® pump or CADD-Legacy™ pump, please refer to the Operator's Manual supplied with the pump.

Technical Assistance

If you have questions while installing the software, please contact Clinical Services at **800-426-2448** between the hours of 8:00 a.m. and 5:00 p.m. CST. If you have comments or questions concerning the operation of the modem or other computer components, please refer to the product literature provided with the modem or component for the appropriate Customer Service number.

Clinical Assistance

If you have comments or questions concerning the operation of the CADD-DIPLOMAT™ PC Communications System, please call this number: **800-426-2448**. Our staff is available to help clinicians twenty-four hours a day with the operation of the CADD-DIPLOMAT™ Pump Communications System.

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Clinician equipment and software requirements

- ◇ A 486 or faster PC compatible computer
(if using an internal modem, a 16 Bit ISA slot must be available)
- ◇ 8 MB RAM (minimum)
- ◇ CD-ROM drive
- ◇ Hard drive with at least 20 MB available
- ◇ Windows NT Operating System, or Windows 95 or newer Operating System
- ◇ Mouse for electronic pointing or similar device
- ◇ Available RS232 serial port if external modem or direct connection desired
- ◇ CADD-DIPLOMAT™ PC Communications System and one of the following:
 - External SVD Modem Kit with PC cable (also requires AC adapter and telephone line wire)
 - Internal SVD Modem Kit (also requires telephone line wire)

NOTE: The above modems (supplied by SIMS Deltec, Inc.) are highly recommended. Performance is best with an external modem and analog telephone. Results with other configurations may vary.

- ◇ An analog telephone with cord is recommended. Check with your institution to ensure an analog phone is available to use.
- ◇ A modular-type wall telephone jack with an analog phone line

CAUTION: *DO NOT* connect the modem to a digital phone line. Before connecting the modem to a telephone line, ensure that it is analog. The higher voltages in a digital telephone system can damage the modem.

Equipment the patient needs

For CADD-Prizm® Pumps:

- ✧ A CADD-Prizm® pump, Model 6101 or 6100 installed with software version 0254-01E or newer and
- ✧ A CADD-AMBASSADOR™ Pump Communications System (including SVD modem, AC adapter, interface cable, and telephone line wire)
- ✧ An analog telephone with cord is recommended. Check to ensure an analog phone is available to use.
- ✧ A modular-type wall telephone jack with an analog phone line

OR for CADD-Legacy Pumps:

- ✧ A CADD-Legacy™ pump, Model 6300, 6400, or 6500 and
 - ✧ A CADD-Legacy™ Pump Modem Communications Kit (including SVD modem, AC adapter, interface cable, and telephone line wire)
 - ✧ An analog telephone with cord is recommended. Check to ensure an analog phone is available to use.
 - ✧ A modular-type wall telephone jack with an analog phone line
- Once you have the software installed, you can refer to the on-line help to assist the

patient in setting up the equipment. See "Preparing Patient for Communications" help topic.

Modem Information

Modem Types

Two types of modems are Simultaneous Voice/Data (SVD) and non-SVD. A SVD modem allows you to talk to the patient on the telephone during communications, because it can transfer data and voice at the same time. With a non-SVD modem you cannot talk to the patient, because it can only transfer data during communications. The CADD-DIPLOMAT™ PC Communications System is designed to be used with a SVD modem, which is the type of modem that may be purchased from SIMS Deltec, Inc.

Both of these modem types can be internal, inside the computer case, or external, outside of the computer case. The external modem requires the use of a PC cable.

Installing the modem

If the modem is not already installed, install the modem according to the manufacturer's instructions.

After setting up the modem, test it to make sure it is working properly.

Installing the Software

1. Insert the CD-ROM in the CD-ROM drive.
2. Click the Start button and select Run.
3. In the open box, type "e:\setup" (or replace "e" with the appropriate letter for the CD-ROM drive on your system).
4. Click OK.
5. Follow the instructions on the screen.

NOTE: You will be asked to input an installation code as part of this process. The installation code is PC-587857-A.

Specific instructions for how to use the CADD-DIPLOMAT™ PC Communications System are included in the help screens provided with the software. Once the software is installed and the modem (if required) is functioning, you can use on-line help, or follow instructions provided with some functions on the screen.

Using On-line Help

CADD-DIPLOMAT™ PC Communications has two kinds of help.

"How to . . ." topics, found under the help menu item on the main screen of the program, describe the basic features of CADD-DIPLOMAT™ PC Communications. The green, underlined words or phrases within the help topics are hyperlink topics. When you click on a hyperlink topic, you jump to that topic in the help screens.

Balloon Help consists of small pieces of information enclosed in "bubbles" like those used for indicating the speech of comic strip characters. To see an explanation of an item on the computer screen, use the mouse to position the cursor over the item on the screen without clicking on it.

NOTE:

- ⊕ Not everything on the screen will have balloon help available.
- ⊕ The help screens cannot be accessed while connecting and disconnecting communications with the pump.

Connecting with a Modem

You may connect your PC to CADD-Prizm® or CADD-Legacy™ pump remotely with a modem. An example of equipment set up with an external modem is shown on the following page.

With CADD-Prizm® pumps, you can view, troubleshoot, or program the pump as though you are actually working with the patient's pump. With CADD-Legacy™ pumps, you can view the patient's pump, but the pump can only be programmed by directly pressing the buttons on the pump's keypad; it cannot be programmed remotely through the PC. A connection can be established regardless of whether

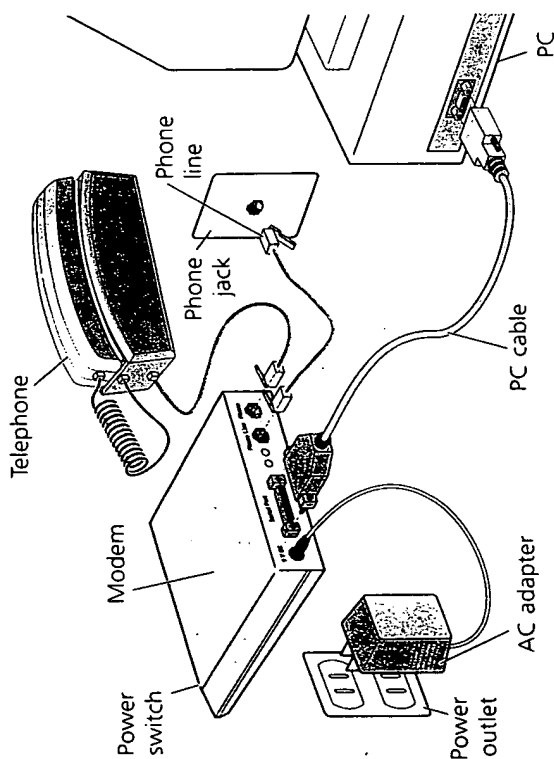
the patient's pump is running, stopped, or sounding an alarm (except a pump error).

Direct Connect

If you want to run reports from a pump you have in your office, you can connect either a CADD-Prizm® or CADD-Legacy™ pump to the PC directly using the appropriate SIMS Deltec, Inc. Interface Cable and a NULL modem cable. The interface cable for CADD-Prizm® or CADD-Legacy™ pump connects the pump and NULL Modem cable. The NULL modem cable attaches to the PC. See the illustration shown on the following page.

1. Attach the NULL modem cable (the cable with 25 pin holes in one end and 9 in the other end) to the **interface cable**. The end with 25 pin holes fits with the end of the interface cable with 25 pins.
2. Connect the end of the NULL modem cable with 9 pin holes to the computer's serial port and tighten the screws. Consult your computer's manual if you are not sure which connector to use.

NOTE: Connecting directly to the serial port may not work in some situations or may require additional set up. Consult the product literature supplied with the computer for troubleshooting information. Some examples of problems follow:



- Ⓐ The port is used by the modem.
- Ⓑ The port is used by a mouse.
- Ⓒ The port is turned off.
- Ⓓ The port is configured for IR communications.

